

L Number	Hits	Search Text	DB	Time stamp
1	78029	autochang\$5 or ((auto or disc or disk) adj3 (chang\$5 or stack\$3)) or magazine or autoload\$3 or auto adj load\$3 or jukebox or juke adj box or library or stocker or g11b017/08.ipc. or g11b017/10.ipc. or g11b017/12.ipc. or g11b017/14.ipc. or g11b017/16.ipc. or g11b017/18.ipc. or g11b017/20.ipc. or g11b017/22.ipc. or g11b017/04.ipc. or automated adj2 storage	EPO; JPO; DERWENT	2003/07/16 15:55
2	698039	accessor or transporter or picker or gripper or hand or robot\$5 or finger or thumb or handling	EPO; JPO; DERWENT	2003/07/16 16:08
3	8185	(autochang\$5 or ((auto or disc or disk) adj3 (chang\$5 or stack\$3)) or magazine or autoload\$3 or auto adj load\$3 or jukebox or juke adj box or library or stocker or g11b017/08.ipc. or g11b017/10.ipc. or g11b017/12.ipc. or g11b017/14.ipc. or g11b017/16.ipc. or g11b017/18.ipc. or g11b017/20.ipc. or g11b017/22.ipc. or g11b017/04.ipc. or automated adj2 storage)	EPO; JPO; DERWENT	2003/07/16 14:54
4	1534	and (accessor or transporter or picker or gripper or hand or robot\$5 or finger or thumb or handling) (cartridge\$1 or cassette\$1) and ((autochang\$5 or ((auto or disc or disk) adj3 (chang\$5 or stack\$3)) or magazine or autoload\$3 or auto adj load\$3 or jukebox or juke adj box or library or stocker or g11b017/08.ipc. or g11b017/10.ipc. or g11b017/12.ipc. or g11b017/14.ipc. or g11b017/16.ipc. or g11b017/18.ipc. or g11b017/20.ipc. or g11b017/22.ipc. or g11b017/04.ipc. or automated adj2 storage)	EPO; JPO; DERWENT	2003/07/16 14:54
5	3681011	and (accessor or transporter or picker or gripper or hand or robot\$5 or finger or thumb or handling)) degree\$1 or axis or turn\$3 or rotat\$5 or revolv\$4 or axes or "180" or flip\$4	EPO; JPO; DERWENT	2003/07/16 16:10

6	534	((cartridge\$1 or cassette\$1) and ((autochang\$5 or ((auto or disc or disk) adj3 (chang\$5 or stack\$3)) or magazine or autoload\$3 or auto adj load\$3 or jukebox or juke adj box or library or stocker or g11b017/08.ipc. or g11b017/10.ipc. or g11b017/12.ipc. or g11b017/14.ipc. or g11b017/16.ipc. or g11b017/18.ipc. or g11b017/20.ipc. or g11b017/22.ipc. or g11b017/04.ipc. or automated adj2 storage) and (accessor or transporter or picker or gripper or hand or robot\$5 or finger or thumb or handling))) and (degree\$1 or axis or turn\$3 or rotat\$5 or revolv\$4 or axes or "180" or flip\$4)	EPO; JPO; DERWENT	2003/07/16 14:56
7	306	g11b\$.ipc. and (((cartridge\$1 or cassette\$1) and ((autochang\$5 or ((auto or disc or disk) adj3 (chang\$5 or stack\$3)) or magazine or autoload\$3 or auto adj load\$3 or jukebox or juke adj box or library or stocker or g11b017/08.ipc. or g11b017/10.ipc. or g11b017/12.ipc. or g11b017/14.ipc. or g11b017/16.ipc. or g11b017/18.ipc. or g11b017/20.ipc. or g11b017/22.ipc. or g11b017/04.ipc. or automated adj2 storage) and (accessor or transporter or picker or gripper or hand or robot\$5 or finger or thumb or handling))) and (degree\$1 or axis or turn\$3 or rotat\$5 or revolv\$4 or axes or "180" or flip\$4))	EPO; JPO; DERWENT	2003/07/16 16:36
8	1	01274986.pn.	EPO; JPO; DERWENT	2003/07/16 15:47
9	133	kilmowicz and "180"	USPAT	2003/07/16 15:45
10	1	01055780.pn.	EPO; JPO; DERWENT	2003/07/16 15:49
11	10	("62239460" or "62239370" or "62239372" or "63244440" or "02042672" or "03044858" or "03091153" or "04010264" or "04163761" or "05144144").pn.	EPO; JPO; DERWENT	2003/07/16 15:51
12	64853	(autochang\$5 or ((auto or disc or disk) adj3 (chang\$5 or stack\$3)) or magazine or autoload\$3 or auto adj load\$3 or jukebox or juke adj box or library or stocker or automated adj2 storage).tl,ab. or 360/92.ccls.	EPO; JPO; DERWENT	2003/07/16 16:09
13	177105	(accessor or carrier or transporter or picker or gripper or hand or robot\$5 or finger or thumb or handling).tl,ab.	USPAT; US-PGPUB	2003/07/16 16:09

14	0	((autochang\$5 or ((auto or disc or disk) adj3 (chang\$5 or stack\$3)) or magazine or autoload\$3 or auto adj load\$3 or jukebox or juke adj box or library or stocker or automated adj2 storage).ti,ab. or 360/92.ccis.) and ((accessor or carrier or transporter or picker or gripper or hand or robot\$5 or finger or thumb or handling).ti,ab.)	USPAT; US-PGPUB	2003/07/16 16:09
15	12644	(autochang\$5 or ((auto or disc or disk) adj3 (chang\$5 or stack\$3)) or magazine or autoload\$3 or auto adj load\$3 or jukebox or juke adj box or library or stocker or automated adj2 storage).ti,ab. or 360/92.ccis.	USPAT; US-PGPUB	2003/07/16 16:10
16	1877	((accessor or carrier or transporter or picker or gripper or hand or robot\$5 or finger or thumb or handling).ti,ab.) and ((autochang\$5 or ((auto or disc or disk) adj3 (chang\$5 or stack\$3)) or magazine or autoload\$3 or auto adj load\$3 or jukebox or juke adj box or library or stocker or automated adj2 storage).ti,ab. or 360/92.ccis.)	USPAT; US-PGPUB	2003/07/16 16:10
17	506588	(degree\$1 or axis or turn\$3 or rotat\$5 or revolv\$4 or axes or "180" or filp\$4).ti,ab.	USPAT; US-PGPUB	2003/07/16 16:10
18	149397	(cartridge\$1 or cassette\$1 or media or medium).ti,ab.	USPAT; US-PGPUB	2003/07/16 16:10
19	148	((accessor or carrier or transporter or picker or gripper or hand or robot\$5 or finger or thumb or handling).ti,ab.) and ((autochang\$5 or ((auto or disc or disk) adj3 (chang\$5 or stack\$3)) or magazine or autoload\$3 or auto adj load\$3 or jukebox or juke adj box or library or stocker or automated adj2 storage).ti,ab. or 360/92.ccis.) and ((degree\$1 or axis or turn\$3 or rotat\$5 or revolv\$4 or axes or "180" or filp\$4).ti,ab.) and ((cartridge\$1 or cassette\$1 or media or medium).ti,ab.)	USPAT; US-PGPUB	2003/07/16 16:11